BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Estimate for Construction of RCC Drains at Kogilu Layout in Ward No.05, Byatarayanapura Sub Division

								Estimate Cost Rs.	20000000.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.1/ PWD SR 2014-15	cum							
	Deslilting Of Drains								
	2nd Main Left Side		1	46.00	0.40	0.30	5.52		
			1	45.00	0.40	0.30	5.40		
			1	72.00	0.40	0.30	8.64		
			1	47.50	0.40	0.30	5.70		
	Right Side		1	46.00	0.40	0.30	5.52		
			1	44.00	0.40	0.30	5.28		
			1	73.00	0.40	0.30	8.76		
			1	46.00	0.40	0.30	5.52		
	3rd Main Left side		1	26.50	0.40	0.30	3.18		
			1	45.20	0.40	0.30	5.42		
			1	73.70	0.40	0.30	8.84		
			1	52.10	0.40	0.30	6.25		
	Right Side		1	37.00	0.40	0.30	4.44		
			1	45.00	0.40	0.30	5.40		
			1	73.00	0.40	0.30	8.76		
			1	52.00	0.40	0.30	6.24		
	4th Main Left Side		1	26.50	0.40	0.30	3.18		
			1	46.00	0.40	0.30	5.52		
			1	72.00	0.40	0.30	8.64		
			1	60.00	0.40	0.30	7.20		
	Right side		1	37.00	0.40	0.30	4.44		
			1	46.00	0.40	0.30	5.52		
			1	71.80	0.40	0.30	8.62		
	5th main Left Side		1	137.00	0.40	0.30	16.44		
			1	47.00	0.40	0.30	5.64		
			1	75.00	0.40	0.30	9.00		
			1	24.80	0.40	0.30	2.98		
	Right Side		1	137.00	0.40	0.35	19.18		
			1	47.00	0.40	0.30	5.64		
			1	75.00	0.40	0.30	9.00		
			1	24.00	0.40	0.30	2.88		
	6th main Left Side		1	330.00	0.40	0.30	39.60		
	6th main Right Side		1	330.00	0.40	0.35	46.20		
	1st Cross Left Side		1	23.60	0.40	0.30	2.83		
			1	25.60	0.40	0.30	3.07		
			1	25.30	0.40	0.30	3.04		
			1	26.60	0.40	0.30	3.19		
			1	24.60	0.40	0.30	2.95		
	Right Side		1	23.00	0.40	0.30	2.76		
			1	26.50	0.40	0.30	3.18		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	26.50	0.40	0.30	3.18		
			1	26.00	0.40	0.30	3.12		
			1	25.30	0.40	0.30	3.04		
	2nd Cross Left Side		1	23.00	0.40	0.30	2.76		
			1	25.00	0.40	0.30	3.00		
			1	23.90	0.40	0.30	2.87		
			1	26.40	0.40	0.30	3.17		
			1	24.20	0.40	0.30	2.90		
	Right Side		1	24.20	0.40	0.30	2.90		
			1	23.00	0.40	0.30	2.76		
			1	25.00	0.40	0.30	3.00		
			1	25.60	0.40	0.30	3.07		
			1	26.70	0.40	0.30	3.20		
	3rd Cross Left Side		1	24.20	0.40	0.30	2.90		
			1	25.00	0.40	0.30	3.00		
			1	24.20	0.40	0.30	2.90		
			1	26.20	0.40	0.30	3.14		
			1	9.20	0.40	0.30	1.10		
	Right Side		1	24.00	0.40	0.30	2.88		
			1	25.70	0.40	0.30	3.08		
			1	26.00	0.40	0.30	3.12		
			1	25.80	0.40	0.30	3.10		
			1	9.20	0.40	0.30	1.10		
							384.48	146.88	**56472.00**
	Basic Rate	136.00							
	Area Weightage @ 8%	10.88							
	Total	**146.88**							
2	Removing B.S Slab of Drain and stacking Page No. 28/ Item No. 5.32/ PWD SR 2014-15	Sqm							
	2nd Main Left Side		1	46.00	1.65		75.90		
			1	45.00	1.65		74.25		
			1	72.00	1.65		118.80		
			1	47.50	1.65		78.38		
	Right Side		1	46.00	1.65		75.90		
			1	44.00	1.65		72.60		
			1	73.00	1.65		120.45		
			1	46.00	1.65		75.90		
	3rd Main Left side		1	26.50	1.65		43.73		
			1	45.20	1.65		74.58		
			1	73.70	1.65		121.61		
			1	52.10	1.65		85.97		
	Right Side		1	37.00	1.65		61.05		
			1	45.00	1.65		74.25		
			1	73.00	1.65		120.45		
			1	52.00	1.65		85.80		
	4th Main Left Side		1	26.50	1.65		43.73		
			1	46.00	1.65		75.90		
			1	72.00	1.65		118.80		
			1	60.00	1.65		99.00		
	Right side		1	37.00	1.65		61.05		
			1	46.00	1.65		75.90		
			1	71.80	1.65		118.47		
	5th main Left Side		1	137.00	1.65		226.05		
			1	47.00	1.65		77.55		
			1	75.00	1.65		123.75		
			1	24.80	1.65		40.92		
	Right Side		1	137.00	1.65		226.05		
			1	47.00	1.65		77.55		
			1	75.00	1.65		123.75		
			1	24.00	1.65		39.60		

Sl No.	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	6th main Left Side		1	330.00	1.65		544.50		
	6th main Right Side		1	330.00	1.65		544.50		
	1st Cross Left Side		1	23.60	1.65		38.94		
			1	25.60	1.65		42.24		
			1	25.30	1.65		41.75		
			1	26.60	1.65		43.89		
			1	24.60	1.65		40.59		
	Right Side		1	23.00	1.65		37.95		
			1	26.50	1.65		43.73		
			1	26.50	1.65		43.73		
			1	26.00	1.65		42.90		
			1	25.30	1.65		41.75		
	2nd Cross Left Side		1	23.00	1.65		37.95		
			1	25.00	1.65		41.25		
			1	23.90	1.65		39.44		
			1	26.40	1.65		43.56		
			1	24.20	1.65		39.93		
	Right Side		1	24.20	1.65		39.93		
			1	23.00	1.65		37.95		
			1	25.00	1.65		41.25		
			1	25.60	1.65		42.24		
			1	26.70	1.65		44.06		
	3rd Cross Left Side		1	24.20	1.65		39.93		
			1	25.00	1.65		41.25		
			1	24.20	1.65		39.93		
			1	26.20	1.65		43.23		
			1	9.20	1.65		15.18		
	Right Side		1	24.00	1.65		39.60		
			1	25.70	1.65		42.41		
			1	26.00	1.65		42.90		
			1	25.80	1.65		42.57		
			1	9.20	1.65		15.18		
	Cross Road		2	480.00	1.65		1584.00		
			2	26.00	1.65		85.80		
			2	25.00	1.65		82.50		
							6844.20		
	Deduct 30% Missing Slabs						2053.26		
							4790.94	58.32	**279408.00**
	Basic Rate	54.00							
	Area Weightage @ 8%	4.32							
	Total	**58.32**							
3	Refixing stone slabs of drains and pointing in C.M (1:3) Page No. 28/ Item No. 5.33/ PWD SR 2014-15	Sqm	Qty Vide Item No.3				4790.94		
							4790.94	75.60	362195.00
	Basic Rate	70.00							
	Area Weightage @ 8%	5.60							
	Total	**75.60**							
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete -do- 7.5 cms thick Page No. 28/ Item No. 5.31.1/ PWD SR 2014-15	**Sqm**	Missing Slabs				2053.26		
	For Missing slabs (30%)						**2053.26**	639.36	**1312772.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate	592.00							
	Area Weightage @ 8%	47.36							
	Total	**639.36**							
5	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in **Hard soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2014-	Cum							
	For Solid Block Drain Raising Course								
	2nd Main Left Side		2	46.00	0.40	0.30	11.04		
			2	45.00	0.40	0.30	10.80		
			2	72.00	0.40	0.30	17.28		
			2	47.50	0.40	0.30	11.40		
	Right Side		2	46.00	0.40	0.30	11.04		
			2	44.00	0.40	0.30	10.56		
			2	73.00	0.40	0.30	17.52		
			2	46.00	0.40	0.30	11.04		
	3rd Main Left side		2	26.50	0.40	0.30	6.36		
			2	45.20	0.40	0.30	10.85		
			2	73.70	0.40	0.30	17.69		
			2	52.10	0.40	0.30	12.50		
	Right Side		2	37.00	0.40	0.30	8.88		
			2	45.00	0.40	0.30	10.80		
			2	73.00	0.40	0.30	17.52		
			2	52.00	0.40	0.30	12.48		
	4th Main Left Side		2	26.50	0.40	0.30	6.36		
			2	46.00	0.40	0.30	11.04		
			2	72.00	0.40	0.30	17.28		
			2	60.00	0.40	0.30	14.40		
	Right side		2	37.00	0.40	0.30	8.88		
			2	46.00	0.40	0.30	11.04		
			2	71.80	0.40	0.30	17.23		
	5th main Left Side		2	137.00	0.40	0.20	21.92		
			2	47.00	0.40	0.30	11.28		
			2	75.00	0.40	0.30	18.00		
			2	24.80	0.40	0.30	5.95		
	Right Side		2	137.00	0.40	0.30	32.88		
			2	47.00	0.40	0.30	11.28		
			2	75.00	0.40	0.30	18.00		
			2	24.00	0.40	0.30	5.76		
	6th main Left Side		2	330.00	0.40	0.15	39.60		
	6th main Right Side		2	330.00	0.40	0.15	39.60		
	1st Cross Left Side		2	23.60	0.40	0.30	5.66		
			2	25.60	0.40	0.30	6.14		
			2	25.30	0.40	0.30	6.07		
			2	26.60	0.40	0.30	6.38		
			2	24.60	0.40	0.30	5.90		
	Right Side		2	23.00	0.40	0.30	5.52		
			2	26.50	0.40	0.30	6.36		
			2	26.50	0.40	0.30	6.36		
			2	26.00	0.40	0.30	6.24		
			2	25.30	0.40	0.30	6.07		
	2nd Cross Left Side		2	23.00	0.40	0.30	5.52		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			2	25.00	0.40	0.30	6.00		
			2	23.90	0.40	0.30	5.74		
			2	26.40	0.40	0.30	6.34		
			2	24.20	0.40	0.30	5.81		
	Right Side		2	24.20	0.40	0.30	5.81		
			2	23.00	0.40	0.30	5.52		
			2	25.00	0.40	0.30	6.00		
			2	25.60	0.40	0.30	6.14		
			2	26.70	0.40	0.30	6.41		
	3rd Cross Left Side		2	24.20	0.40	0.30	5.81		
			2	25.00	0.40	0.30	6.00		
			2	24.20	0.40	0.30	5.81		
			2	26.20	0.40	0.30	6.29		
			2	9.20	0.40	0.30	2.21		
	Right Side		2	24.00	0.40	0.30	5.76		
			2	25.70	0.40	0.30	6.17		
			2	26.00	0.40	0.30	6.24		
			2	25.80	0.40	0.30	6.19		
			2	9.20	0.40	0.30	2.21		
	Cross Road		4	480.00	0.40	0.15	115.20		
			4	26.00	0.40	0.30	12.48		
			4	25.00	0.40	0.30	12.00		
							799.20	264.60	**211468.00**
	Basic Rate	245.00							
	Area Weightage @ 8%	19.60							
	Total	**264.60**							
6	KSRB-4-1.3 : Providing and laying in position **plain cement concrete of mix M 1:4:8** withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2014-	**Cum**							
	For Solid Block Drain Raising Course								
	2nd Main Left Side		2	46.00	0.40	0.15	5.52		
			2	45.00	0.40	0.15	5.40		
			2	72.00	0.40	0.15	8.64		
			2	47.50	0.40	0.15	5.70		
	Right Side		2	46.00	0.40	0.15	5.52		
			2	44.00	0.40	0.15	5.28		
			2	73.00	0.40	0.15	8.76		
			2	46.00	0.40	0.15	5.52		
	3rd Main Left side		2	26.50	0.40	0.15	3.18		
			2	45.20	0.40	0.15	5.42		
			2	73.70	0.40	0.15	8.84		
			2	52.10	0.40	0.15	6.25		
	Right Side		2	37.00	0.40	0.15	4.44		
			2	45.00	0.40	0.15	5.40		
			2	73.00	0.40	0.15	8.76		
			2	52.00	0.40	0.15	6.24		
	4th Main Left Side		2	26.50	0.40	0.15	3.18		
			2	46.00	0.40	0.15	5.52		
			2	72.00	0.40	0.15	8.64		
			2	60.00	0.40	0.15	7.20		
	Right side		2	37.00	0.40	0.15	4.44		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			2	46.00	0.40	0.15	5.52		
			2	71.80	0.40	0.15	8.62		
	5th main Left Side		2	137.00	0.40	0.15	16.44		
			2	47.00	0.40	0.15	5.64		
			2	75.00	0.40	0.15	9.00		
			2	24.80	0.40	0.15	2.98		
	Right Side		2	137.00	0.40	0.15	16.44		
			2	47.00	0.40	0.15	5.64		
			2	75.00	0.40	0.15	9.00		
			2	24.00	0.40	0.15	2.88		
	6th main Left Side		2	330.00	0.40	0.15	39.60		
	6th main Right Side		2	330.00	0.40	0.15	39.60		
	1st Cross Left Side		2	23.60	0.40	0.15	2.83		
			2	25.60	0.40	0.15	3.07		
			2	25.30	0.40	0.15	3.04		
			2	26.60	0.40	0.15	3.19		
			2	24.60	0.40	0.15	2.95		
	Right Side		2	23.00	0.40	0.15	2.76		
			2	26.50	0.40	0.15	3.18		
			2	26.50	0.40	0.15	3.18		
			2	26.00	0.40	0.15	3.12		
			2	25.30	0.40	0.15	3.04		
	2nd Cross Left Side		2	23.00	0.40	0.15	2.76		
			2	25.00	0.40	0.15	3.00		
			2	23.90	0.40	0.15	2.87		
			2	26.40	0.40	0.15	3.17		
			2	24.20	0.40	0.15	2.90		
	Right Side		2	24.20	0.40	0.15	2.90		
			2	23.00	0.40	0.15	2.76		
			2	25.00	0.40	0.15	3.00		
			2	25.60	0.40	0.15	3.07		
			2	26.70	0.40	0.15	3.20		
	3rd Cross Left Side		2	24.20	0.40	0.15	2.90		
			2	25.00	0.40	0.15	3.00		
			2	24.20	0.40	0.15	2.90		
			2	26.20	0.40	0.15	3.14		
			2	9.20	0.40	0.15	1.10		
	Right Side		2	24.00	0.40	0.15	2.88		
			2	25.70	0.40	0.15	3.08		
			2	26.00	0.40	0.15	3.12		
			2	25.80	0.40	0.15	3.10		
			2	9.20	0.40	0.15	1.10		
	Cross Road		4	480.00	0.40	0.15	115.20		
			4	26.00	0.40	0.15	6.24		
			4	25.00	0.40	0.15	6.00		
							497.76	4847.04	**2412663.00**
	Basic Rate	4488.00							
	Area Weightage @ 8%	359.04							
	Total	**4847.04**							
7	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 27/ Item No. 5.27/ PWD SR 2014-15	Sqm							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	For Solid Block Drain Raising Course								
	2nd Main Left Side		2	46.00		0.40	36.80		
			2	45.00		0.40	36.00		
			2	72.00		0.40	57.60		
			2	47.50		0.40	38.00		
	Right Side		2	46.00		0.40	36.80		
			2	44.00		0.40	35.20		
			2	73.00		0.40	58.40		
			2	46.00		0.40	36.80		
	3rd Main Left side		2	26.50		0.40	21.20		
			2	45.20		0.40	36.16		
			2	73.70		0.40	58.96		
			2	52.10		0.40	41.68		
	Right Side		2	37.00		0.40	29.60		
			2	45.00		0.40	36.00		
			2	73.00		0.40	58.40		
			2	52.00		0.40	41.60		
	4th Main Left Side		2	26.50		0.40	21.20		
			2	46.00		0.40	36.80		
			2	72.00		0.40	57.60		
			2	60.00		0.40	48.00		
	Right side		2	37.00		0.40	29.60		
			2	46.00		0.40	36.80		
			2	71.80		0.40	57.44		
	5th main Left Side		2	137.00		0.40	109.60		
			2	47.00		0.40	37.60		
			2	75.00		0.40	60.00		
			2	24.80		0.40	19.84		
	Right Side		2	137.00		0.20	54.80		
			2	47.00		0.40	37.60		
			2	75.00		0.40	60.00		
			2	24.00		0.40	19.20		
	6th main Left Side		2	330.00		0.40	264.00		
	6th main Right Side		2	330.00		0.40	264.00		
	1st Cross Left Side		2	23.60		0.40	18.88		
			2	25.60		0.40	20.48		
			2	25.30		0.40	20.24		
			2	26.60		0.40	21.28		
			2	24.60		0.40	19.68		
	Right Side		2	23.00		0.40	18.40		
			2	26.50		0.40	21.20		
			2	26.50		0.40	21.20		
			2	26.00		0.40	20.80		
			2	25.30		0.40	20.24		
	2nd Cross Left Side		2	23.00		0.40	18.40		
			2	25.00		0.40	20.00		
			2	23.90		0.40	19.12		
			2	26.40		0.40	21.12		
			2	24.20		0.40	19.36		
	Right Side		2	24.20		0.40	19.36		

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			2	23.00		0.40	18.40		
			2	25.00		0.40	20.00		
			2	25.60		0.40	20.48		
			2	26.70		0.40	21.36		
	3rd Cross Left Side		2	24.20		0.40	19.36		
			2	25.00		0.40	20.00		
			2	24.20		0.40	19.36		
			2	26.20		0.40	20.96		
			2	9.20		0.40	7.36		
	Right Side		2	24.00		0.40	19.20		
			2	25.70		0.40	20.56		
			2	26.00		0.40	20.80		
			2	25.80		0.40	20.64		
			2	9.20		0.40	7.36		
	Cross Road		4	480.00		0.40	768.00		
			4	26.00		0.40	41.60		
			4	25.00		0.40	40.00		
							3278.86	993.60	**3257875.00**
	Basic Rate	920.00							
	Area Weightage @ 8%	73.60							
	Total	**993.60**							
8	KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix 1**:2:4** withOPC cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2/P No. 13/ Item No. 4.6/ PWD SR 2014-15	**cum**							
	Coping Concrete								
	2nd Main Left Side		2	46.00	0.20	0.10	1.84		
			2	45.00	0.20	0.10	1.80		
			2	72.00	0.20	0.10	2.88		
			2	47.50	0.20	0.10	1.90		
	Right Side		2	46.00	0.20	0.10	1.84		
			2	44.00	0.20	0.10	1.76		
			2	73.00	0.20	0.10	2.92		
			2	46.00	0.20	0.10	1.84		
	3rd Main Left side		2	26.50	0.20	0.10	1.06		
			2	45.20	0.20	0.10	1.81		
			2	73.70	0.20	0.10	2.95		
			2	52.10	0.20	0.10	2.08		
	Right Side		2	37.00	0.20	0.10	1.48		
			2	45.00	0.20	0.10	1.80		
			2	73.00	0.20	0.10	2.92		
			2	52.00	0.20	0.10	2.08		
	4th Main Left Side		2	26.50	0.20	0.10	1.06		

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			2	46.00	0.20	0.10	1.84		
			2	72.00	0.20	0.10	2.88		
			2	60.00	0.20	0.10	2.40		
	Right side		2	37.00	0.20	0.10	1.48		
			2	46.00	0.20	0.10	1.84		
			2	71.80	0.20	0.10	2.87		
	5th main Left Side		2	137.00	0.20	0.10	5.48		
			2	47.00	0.20	0.10	1.88		
			2	75.00	0.20	0.10	3.00		
			2	24.80	0.20	0.10	0.99		
	Right Side		2	137.00	0.20	0.10	5.48		
			2	47.00	0.20	0.10	1.88		
			2	75.00	0.20	0.10	3.00		
			2	24.00	0.20	0.10	0.96		
	6th main Left Side		2	330.00	0.20	0.10	13.20		
	6th main Right Side		2	330.00	0.20	0.10	13.20		
	1st Cross Left Side		2	23.60	0.20	0.10	0.94		
			2	25.60	0.20	0.10	1.02		
			2	25.30	0.20	0.10	1.01		
			2	26.60	0.20	0.10	1.06		
			2	24.60	0.20	0.10	0.98		
	Right Side		2	23.00	0.20	0.10	0.92		
			2	26.50	0.20	0.10	1.06		
			2	26.50	0.20	0.10	1.06		
			2	26.00	0.20	0.10	1.04		
			2	25.30	0.20	0.10	1.01		
	2nd Cross Left Side		2	23.00	0.20	0.10	0.92		
			2	25.00	0.20	0.10	1.00		
			2	23.90	0.20	0.10	0.96		
			2	26.40	0.20	0.10	1.06		
			2	24.20	0.20	0.10	0.97		
	Right Side		2	24.20	0.20	0.10	0.97		
			2	23.00	0.20	0.10	0.92		
			2	25.00	0.20	0.10	1.00		
			2	25.60	0.20	0.10	1.02		
			2	26.70	0.20	0.10	1.07		
	3rd Cross Left Side		2	24.20	0.20	0.10	0.97		
			2	25.00	0.20	0.10	1.00		
			2	24.20	0.20	0.10	0.97		
			2	26.20	0.20	0.10	1.05		
			2	9.20	0.20	0.10	0.37		
	Right Side		2	24.00	0.20	0.10	0.96		
			2	25.70	0.20	0.10	1.03		
			2	26.00	0.20	0.10	1.04		
			2	25.80	0.20	0.10	1.03		
			2	9.20	0.20	0.10	0.37		
	Cross Road		4	480.00	0.20	0.10	38.40		
			4	26.00	0.20	0.10	2.08		
			4	25.00	0.20	0.10	2.00		
	For Vent								

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	2nd Main Left Side		1	46.00	0.40	0.10	1.84		
			1	45.00	0.40	0.10	1.80		
			1	72.00	0.40	0.10	2.88		
			1	47.50	0.40	0.10	1.90		
	Right Side		1	46.00	0.40	0.10	1.84		
			1	44.00	0.40	0.10	1.76		
			1	73.00	0.40	0.10	2.92		
			1	46.00	0.40	0.10	1.84		
	3rd Main Left side		1	26.50	0.40	0.10	1.06		
			1	45.20	0.40	0.10	1.81		
			1	73.70	0.40	0.10	2.95		
			1	52.10	0.40	0.10	2.08		
	Right Side		1	37.00	0.40	0.10	1.48		
			1	45.00	0.40	0.10	1.80		
			1	73.00	0.40	0.10	2.92		
			1	52.00	0.40	0.10	2.08		
	4th Main Left Side		1	26.50	0.40	0.10	1.06		
			1	46.00	0.40	0.10	1.84		
			1	72.00	0.40	0.10	2.88		
			1	60.00	0.40	0.10	2.40		
	Right side		1	37.00	0.40	0.10	1.48		
			1	46.00	0.40	0.10	1.84		
			1	71.80	0.40	0.10	2.87		
	5th main Left Side		1	137.00	0.40	0.10	5.48		
			1	47.00	0.40	0.10	1.88		
			1	75.00	0.40	0.10	3.00		
			1	24.80	0.40	0.10	0.99		
	Right Side		1	137.00	0.40	0.10	5.48		
			1	47.00	0.40	0.10	1.88		
			1	75.00	0.40	0.10	3.00		
			1	24.00	0.40	0.10	0.96		
	6th main Left Side		1	330.00	0.40	0.10	13.20		
	6th main Right Side		1	330.00	0.40	0.10	13.20		
	1st Cross Left Side		1	23.60	0.40	0.10	0.94		
			1	25.60	0.40	0.10	1.02		
			1	25.30	0.40	0.10	1.01		
			1	26.60	0.40	0.10	1.06		
			1	24.60	0.40	0.10	0.98		
	Right Side		1	23.00	0.40	0.10	0.92		
			1	26.50	0.40	0.10	1.06		
			1	26.50	0.40	0.10	1.06		
			1	26.00	0.40	0.10	1.04		
			1	25.30	0.40	0.10	1.01		
	2nd Cross Left Side		1	23.00	0.40	0.10	0.92		
			1	25.00	0.40	0.10	1.00		
			1	23.90	0.40	0.10	0.96		
			1	26.40	0.40	0.10	1.06		
			1	24.20	0.40	0.10	0.97		
	Right Side		1	24.20	0.40	0.10	0.97		
			1	23.00	0.40	0.10	0.92		

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	25.00	0.40	0.10	1.00		
			1	25.60	0.40	0.10	1.02		
			1	26.70	0.40	0.10	1.07		
	3rd Cross Left Side		1	24.20	0.40	0.10	0.97		
			1	25.00	0.40	0.10	1.00		
			1	24.20	0.40	0.10	0.97		
			1	26.20	0.40	0.10	1.05		
			1	9.20	0.40	0.10	0.37		
	Right Side		1	24.00	0.40	0.10	0.96		
			1	25.70	0.40	0.10	1.03		
			1	26.00	0.40	0.10	1.04		
			1	25.80	0.40	0.10	1.03		
			1	9.20	0.40	0.10	0.37		
	Cross Road		2	480.00	0.40	0.10	38.40		
			2	26.00	0.40	0.10	2.08		
			2	25.00	0.40	0.10	2.00		
							331.84	5327.64	**1767924.00**
	Basic Rate	4933.00							
	Area Weightage @ 8%	394.64							
	Total	**5327.64**							
9	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification. No. KBS 4.1,4.6, **No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2014-15**	Cum							
	2nd Main Left Side		1x0.50	46.00	0.225	0.15	0.78		
			1x0.50	45.00	0.225	0.15	0.76		
			1x0.50	72.00	0.225	0.15	1.22		
			1x0.50	47.50	0.225	0.15	0.80		
	Right Side		1x0.50	46.00	0.225	0.15	0.78		
			1x0.50	44.00	0.225	0.15	0.74		
			1x0.50	73.00	0.225	0.15	1.23		
			1x0.50	46.00	0.225	0.15	0.78		
	3rd Main Left side		1x0.50	26.50	0.225	0.15	0.45		
			1x0.50	45.20	0.225	0.15	0.76		
			1x0.50	73.70	0.225	0.15	1.24		
			1x0.50	52.10	0.225	0.15	0.88		
	Right Side		1x0.50	37.00	0.225	0.15	0.62		

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1x0.50	45.00	0.225	0.15	0.76		
			1x0.50	73.00	0.225	0.15	1.23		
			1x0.50	52.00	0.225	0.15	0.88		
	4th Main Left Side		1x0.50	26.50	0.225	0.15	0.45		
			1x0.50	46.00	0.225	0.15	0.78		
			1x0.50	72.00	0.225	0.15	1.22		
			1x0.50	60.00	0.225	0.15	1.01		
	Right side		1x0.50	37.00	0.225	0.15	0.62		
			1x0.50	46.00	0.225	0.15	0.78		
			1x0.50	71.80	0.225	0.15	1.21		
	5th main Left Side		1x0.50	137.00	0.225	0.15	2.31		
			1x0.50	47.00	0.225	0.15	0.79		
			1x0.50	75.00	0.225	0.15	1.27		
			1x0.50	24.80	0.225	0.15	0.42		
	Right Side		1x0.50	137.00	0.225	0.15	2.31		
			1x0.50	47.00	0.225	0.15	0.79		
			1x0.50	75.00	0.225	0.15	1.27		
			1x0.50	24.00	0.225	0.15	0.41		
	6th main Left Side		1x0.50	330.00	0.225	0.15	5.57		
	6th main Right Side		1x0.50	330.00	0.225	0.15	5.57		
	1st Cross Left Side		1x0.50	23.60	0.225	0.15	0.40		
			1x0.50	25.60	0.225	0.15	0.43		
			1x0.50	25.30	0.225	0.15	0.43		
			1x0.50	26.60	0.225	0.15	0.45		
			1x0.50	24.60	0.225	0.15	0.42		
	Right Side		1x0.50	23.00	0.225	0.15	0.39		
			1x0.50	26.50	0.225	0.15	0.45		
			1x0.50	26.50	0.225	0.15	0.45		
			1x0.50	26.00	0.225	0.15	0.44		
			1x0.50	25.30	0.225	0.15	0.43		
	2nd Cross Left Side		1x0.50	23.00	0.225	0.15	0.39		
			1x0.50	25.00	0.225	0.15	0.42		
			1x0.50	23.90	0.225	0.15	0.40		
			1x0.50	26.40	0.225	0.15	0.45		
			1x0.50	24.20	0.225	0.15	0.41		
	Right Side		1x0.50	24.20	0.225	0.15	0.41		
			1x0.50	23.00	0.225	0.15	0.39		
			1x0.50	25.00	0.225	0.15	0.42		
			1x0.50	25.60	0.225	0.15	0.43		
			1x0.50	26.70	0.225	0.15	0.45		
	3rd Cross Left Side		1x0.50	24.20	0.225	0.15	0.41		
			1x0.50	25.00	0.225	0.15	0.42		
			1x0.50	24.20	0.225	0.15	0.41		
			1x0.50	26.20	0.225	0.15	0.44		
			1x0.50	9.20	0.225	0.15	0.16		
	Right Side		1x0.50	24.00	0.225	0.15	0.41		
			1x0.50	25.70	0.225	0.15	0.43		
			1x0.50	26.00	0.225	0.15	0.44		
			1x0.50	25.80	0.225	0.15	0.44		
			1x0.50	9.20	0.225	0.15	0.16		
	Cross Road		2x0.50	480.00	0.225	0.15	16.20		
			2x0.50	26.00	0.225	0.15	0.88		
			2x0.50	25.00	0.225	0.15	0.84		
	Back Concrete								
	2nd Main Left Side		1	46.00	0.150	0.20	1.38		
			1	45.00	0.150	0.20	1.35		
			1	72.00	0.150	0.20	2.16		
			1	47.50	0.150	0.20	1.43		
	Right Side		1	46.00	0.150	0.20	1.38		
			1	44.00	0.150	0.20	1.32		
			1	73.00	0.150	0.20	2.19		
			1	46.00	0.150	0.20	1.38		

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	3rd Main Left side		1	26.50	0.150	0.20	0.80		
			1	45.20	0.150	0.20	1.36		
			1	73.70	0.150	0.20	2.21		
			1	52.10	0.150	0.20	1.56		
	Right Side		1	37.00	0.150	0.20	1.11		
			1	45.00	0.150	0.20	1.35		
			1	73.00	0.150	0.20	2.19		
			1	52.00	0.150	0.20	1.56		
	4th Main Left Side		1	26.50	0.150	0.20	0.80		
			1	46.00	0.150	0.20	1.38		
			1	72.00	0.150	0.20	2.16		
			1	60.00	0.150	0.20	1.80		
	Right side		1	37.00	0.150	0.20	1.11		
			1	46.00	0.150	0.20	1.38		
			1	71.80	0.150	0.20	2.15		
	5th main Left Side		1	137.00	0.150	0.20	4.11		
			1	47.00	0.150	0.20	1.41		
			1	75.00	0.150	0.20	2.25		
			1	24.80	0.150	0.20	0.74		
	Right Side		1	137.00	0.150	0.20	4.11		
			1	47.00	0.150	0.20	1.41		
			1	75.00	0.150	0.20	2.25		
			1	24.00	0.150	0.20	0.72		
	6th main Left Side		1	330.00	0.150	0.20	9.90		
	6th main Right Side		1	330.00	0.150	0.20	9.90		
	1st Cross Left Side		1	23.60	0.150	0.20	0.71		
			1	25.60	0.150	0.20	0.77		
			1	25.30	0.150	0.20	0.76		
			1	26.60	0.150	0.20	0.80		
			1	24.60	0.150	0.20	0.74		
	Right Side		1	23.00	0.150	0.20	0.69		
			1	26.50	0.150	0.20	0.80		
			1	26.50	0.150	0.20	0.80		
			1	26.00	0.150	0.20	0.78		
			1	25.30	0.150	0.20	0.76		
	2nd Cross Left Side		1	23.00	0.150	0.20	0.69		
			1	25.00	0.150	0.20	0.75		
			1	23.90	0.150	0.20	0.72		
			1	26.40	0.150	0.20	0.79		
			1	24.20	0.150	0.20	0.73		
	Right Side		1	24.20	0.150	0.20	0.73		
			1	23.00	0.150	0.20	0.69		
			1	25.00	0.150	0.20	0.75		
			1	25.60	0.150	0.20	0.77		
			1	26.70	0.150	0.20	0.80		
	3rd Cross Left Side		1	24.20	0.150	0.20	0.73		
			1	25.00	0.150	0.20	0.75		
			1	24.20	0.150	0.20	0.73		
			1	26.20	0.150	0.20	0.79		
			1	9.20	0.150	0.20	0.28		
	Right Side		1	24.00	0.150	0.20	0.72		
			1	25.70	0.150	0.20	0.77		
			1	26.00	0.150	0.20	0.78		
			1	25.80	0.150	0.20	0.77		
			1	9.20	0.150	0.20	0.28		
	Cross Road		2	480.00	0.150	0.20	28.80		
			2	26.00	0.150	0.20	1.56		
			2	25.00	0.150	0.20	1.50		
							194.44	6420.60	**1248421.00**
	Basic Rate	5945.00							
	Area Weightage @ 8%	475.60							

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Total	6420.60							
10	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shutterng machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED)	Sqm							
	2nd Main Left Side		1	46.00	0.90		41.40		
			1	45.00	0.90		40.50		
			1	72.00	0.90		64.80		
			1	47.50	0.90		42.75		
	Right Side		1	46.00	0.90		41.40		
			1	44.00	0.90		39.60		
			1	73.00	0.90		65.70		
			1	46.00	0.90		41.40		
	3rd Main Left side		1	26.50	0.90		23.85		
			1	45.20	0.90		40.68		
			1	73.70	0.90		66.33		
			1	52.10	0.90		46.89		
	Right Side		1	37.00	0.90		33.30		
			1	45.00	0.90		40.50		
			1	73.00	0.90		65.70		
			1	52.00	0.90		46.80		
	4th Main Left Side		1	26.50	0.90		23.85		
			1	46.00	0.90		41.40		
			1	72.00	0.90		64.80		
			1	60.00	0.90		54.00		
	Right side		1	37.00	0.90		33.30		
			1	46.00	0.90		41.40		
			1	71.80	0.90		64.62		
	5th main Left Side		1	137.00	0.90		123.30		
			1	47.00	0.90		42.30		
			1	75.00	0.90		67.50		
			1	24.80	0.90		22.32		
	Right Side		1	137.00	0.90		123.30		
			1	47.00	0.90		42.30		
			1	75.00	0.90		67.50		
			1	24.00	0.90		21.60		
	6th main Left Side		1	330.00	0.90		297.00		
	6th main Right Side		1	330.00	0.90		297.00		
	1st Cross Left Side		1	23.60	0.90		21.24		
			1	25.60	0.90		23.04		
			1	25.30	0.90		22.77		
			1	26.60	0.90		23.94		
			1	24.60	0.90		22.14		
	Right Side		1	23.00	0.90		20.70		
			1	26.50	0.90		23.85		
			1	26.50	0.90		23.85		
			1	26.00	0.90		23.40		
			1	25.30	0.90		22.77		
	2nd Cross Left Side		1	23.00	0.90		20.70		
			1	25.00	0.90		22.50		
			1	23.90	0.90		21.51		
			1	26.40	0.90		23.76		
			1	24.20	0.90		21.78		
	Right Side		1	24.20	0.90		21.78		
			1	23.00	0.90		20.70		
			1	25.00	0.90		22.50		
			1	25.60	0.90		23.04		

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	26.70	0.90		24.03		
	3rd Cross Left Side		1	24.20	0.90		21.78		
			1	25.00	0.90		22.50		
			1	24.20	0.90		21.78		
			1	26.20	0.90		23.58		
			1	9.20	0.90		8.28		
	Right Side		1	24.00	0.90		21.60		
			1	25.70	0.90		23.13		
			1	26.00	0.90		23.40		
			1	25.80	0.90		23.22		
			1	9.20	0.90		8.28		
	Cross Road		2	480.00	0.90		864.00		
			2	26.00	0.90		46.80		
			2	25.00	0.90		45.00		
							3735.00	1856.67	6935066.00
	Data Rate	**1856.67**							
11	KSRB 15.19.1 : Providing and applying **ready mix priming coat** over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after throughtly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. Page No. 128/ Item No. 15.80/ PWD SR 2014-15	Sqm							
	2nd Main Left Side		1	46.00		0.30	13.80		
			1	45.00		0.30	13.50		
			1	72.00		0.30	21.60		
			1	47.50		0.30	14.25		
	Right Side		1	46.00		0.30	13.80		
			1	44.00		0.30	13.20		
			1	73.00		0.30	21.90		
			1	46.00		0.30	13.80		
	3rd Main Left side		1	26.50		0.30	7.95		
			1	45.20		0.30	13.56		
			1	73.70		0.30	22.11		
			1	52.10		0.30	15.63		
	Right Side		1	37.00		0.30	11.10		
			1	45.00		0.30	13.50		
			1	73.00		0.30	21.90		
			1	52.00		0.30	15.60		
	4th Main Left Side		1	26.50		0.30	7.95		
			1	46.00		0.30	13.80		
			1	72.00		0.30	21.60		
			1	60.00		0.30	18.00		
	Right side		1	37.00		0.30	11.10		
			1	46.00		0.30	13.80		
			1	71.80		0.30	21.54		
	5th main Left Side		1	137.00		0.30	41.10		
			1	47.00		0.30	14.10		
			1	75.00		0.30	22.50		
			1	24.80		0.30	7.44		
	Right Side		1	137.00		0.30	41.10		
			1	47.00		0.30	14.10		
			1	75.00		0.30	22.50		
			1	24.00		0.30	7.20		
	6th main Left Side		1	330.00		0.30	99.00		

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	6th main Right Side		1	330.00		0.30	99.00		
	1st Cross Left Side		1	23.60		0.30	7.08		
			1	25.60		0.30	7.68		
			1	25.30		0.30	7.59		
			1	26.60		0.30	7.98		
			1	24.60		0.30	7.38		
	Right Side		1	23.00		0.30	6.90		
			1	26.50		0.30	7.95		
			1	26.50		0.30	7.95		
			1	26.00		0.30	7.80		
			1	25.30		0.30	7.59		
	2nd Cross Left Side		1	23.00		0.30	6.90		
			1	25.00		0.30	7.50		
			1	23.90		0.30	7.17		
			1	26.40		0.30	7.92		
			1	24.20		0.30	7.26		
	Right Side		1	24.20		0.30	7.26		
			1	23.00		0.30	6.90		
			1	25.00		0.30	7.50		
			1	25.60		0.30	7.68		
			1	26.70		0.30	8.01		
	3rd Cross Left Side		1	24.20		0.30	7.26		
			1	25.00		0.30	7.50		
			1	24.20		0.30	7.26		
			1	26.20		0.30	7.86		
			1	9.20		0.30	2.76		
	Right Side		1	24.00		0.30	7.20		
			1	25.70		0.30	7.71		
			1	26.00		0.30	7.80		
			1	25.80		0.30	7.74		
			1	9.20		0.30	2.76		
	Cross Road		2	480.00		0.30	288.00		
			2	26.00		0.30	15.60		
			2	25.00		0.30	15.00		
							1244.40	25.92	**32255.00**
	Basic Rate	24.00							
	Area Weightage @ 8%	1.92							
	Total	**25.92**							
12	KSRB 15.20.1 : Providing and applying floor painting with ready mix **two coats** (Excluding priming coat) on new s concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete								
	Qty Vide Item No.11						1244.40	48.60	**60478.00**
	Basic Rate	45.00							
	Area Weightage @ 8%	3.60							
	Total	**48.60**							
13	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No 123	Cum							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			Qty. Vide Item No. 1+5				1184.40		
							1184.40	67.32	79734.00
	Basic Rate Lead Charges Upto 2.00 Kms	5.12							
	PWD SR 2010-11 (P.118/I.17.1) For loading	62.20							
	Total	**67.32**							
							Grand Total		18016682.00
									1801668.00
13	For 10% KRIDL Charges								
									180167.00
14	For 1% Labour Welfare Cess								
									1483.00
15	Miscesallaneous Charges	L/S							20000000.00

Rupees Two Crore Only

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2014-15
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
KRIDL

Techinical Manager
KRIDL

Assistant Engineer
Ward No. 05(Jakkur)

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Technical Sanction for Rs.....
Technical Sanction
Accorded for Rs 200.00 lakhs
is accorded under head.....
P2723
registered as CE No. 54 Dt: 05-09-14 Subject
to Conditions contained in enclosed memo
No...../.....Dr.....

AE/JE TA SE (BTP) CE (BTP)

ADMINISTRATIVELY SANCTIONED FOR Rs 200.00 lacs
Rupees TWO Crore only
Under AM No. 005-13-000071
Registered as EE ( ) No ...9.....
Subject to conditions contained in
enclosed memo EE ( ) No ...../9/....
Dt Estimate A/Sanctioned
Addl Comr (Y2) AS/1034/14-15
dated 5-9-2014 Rs 200.00 lacs

Addl Commissioner
(Yelahanka Zone)
BBMP. Bengaluru-92